

## SEQUENCE LISTING

<110> Istituto Di Ricerche Di Biologia Molecolare P. Angeletti SpA

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Ontoria, Jesus

Poma, Marco

<120> Peptide inhibitors of hepatitis C virus NS3 protease

<130> KMN/FP5780044

<140>

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<150> GB 9812523.0

<151> 1998-06-10

<160> 13

<170> PatentIn Ver. 2.1

<210> 1

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (1)

<223> Xaa is diphenylalanine

<220>

<221> SITE

<222> (3)

<223> Xaa is cyclohexylalanine

2

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (4)

&lt;223&gt; Xaa is 4,4-difluoro-2-amino butyric acid

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
sequence

&lt;400&gt; 1

Xaa Glu Xaa Xaa

1

&lt;210&gt; 2

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (6)

&lt;223&gt; Xaa is 4,4-difluoro-2-amino butyric acid

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
sequence

&lt;400&gt; 2

Asp Glu Met Glu Glu Xaa

1

5

&lt;210&gt; 3

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

WO 99/64442

PCT/GB99/01824

3

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (3)

&lt;223&gt; Xaa is diphenylalanine

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (5)

&lt;223&gt; Xaa is cyclohexylalanine

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (6)

&lt;223&gt; Xaa is 4,4-difluoro-2-amino butyric acid

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
sequence

&lt;400&gt; 3

Asp Glu Xaa Glu Xaa Xaa

1

5

&lt;210&gt; 4

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (3)

&lt;223&gt; Xaa is diphenylalanine

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (5)

&lt;223&gt; Xaa is cyclohexylalanine

4

<220>

<221> SITE

<222> (6)

<223> Xaa is a fluorinated hydrocarbon side chain

<220>

<223> Description of Artificial Sequence: Synthetic  
sequence

<400> 4

Asp Glu Xaa Glu Xaa Xaa

1

5

<210> 5

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (6)

<223> Xaa is a fluorinated hydrocarbon side chain

<220>

<223> Description of Artificial Sequence: Synthetic  
sequence

<400> 5

Asp Glu Met Glu Glu Xaa

1

5

<210> 6

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (1)

<223> Asp as tertiary butyl ester

<220>

<221> SITE

<222> (2, 4, 5)

<223> Glu as tertiary butyl ester

<220>

<223> Description of Artificial Sequence: Synthetic  
sequence

<400> 6

Asp Glu Met Glu Glu

1

5

<210> 7

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (1)

<223> Asp as tertiary butyl ester

<220>

<221> SITE

<222> (2, 4)

<223> Glu as tertiary butyl ester

WO 99/64442

PCT/GB99/01824

6

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (3)

&lt;223&gt; Xaa is diphenylalanine

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (5)

&lt;223&gt; Xaa is cyclohexylalanine

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
sequence

&lt;400&gt; 7

Asp Glu Xaa Glu Xaa

1

5

&lt;210&gt; 8

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;221&gt; MOD\_RES

&lt;222&gt; (17)

&lt;223&gt; AMIDATION

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
sequence

&lt;400&gt; 8

Lys Lys Lys Gly Ser Val Val Ile Val Gly Arg Ile Ile Leu Ser Gly

1

5

10

15

Arg

1

WO 99/64442

PCT/GB99/01824

8

&lt;210&gt; 11

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (3)

&lt;223&gt; Xaa is diphenylalanine

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (5)

&lt;223&gt; Xaa is cyclohexylalanine

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (6)

&lt;223&gt; Xaa is 3-amino-5,5-difluoro-pentanoic acid

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
sequence

&lt;400&gt; 11

Asp Glu Xaa Glu Xaa Xaa

1

5

&lt;210&gt; 12

&lt;211&gt; 5

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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&lt;221&gt; SITE

&lt;222&gt; (2)

&lt;223&gt; Xaa is diphenylalanine



<220>

<221> SITE

<222> (4)

<223> Xaa is cyclohexylalanine

<220>

<221> SITE

<222> (5)

<223> Xaa is 4,4-difluoro-2-amino butyric acid

<220>

<223> Description of Artificial Sequence: Synthetic  
sequence

<400> 12

Glu Xaa Ile Xaa Xaa

1

5

<210> 13

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> SITE

<222> (3)

<223> Xaa is diphenylalanine

<220>

<221> SITE

<222> (5)

<223> Xaa is cyclohexylalanine

<220>

<221> SITE

<222> (6)

<223> Xaa is 4,4,4-trifluoro-2-amino- butyric acid

<220>

<223> Description of Artificial Sequence: Synthetic  
sequence

<400> 13

Asp Glu Xaa Glu Xaa Xaa

1

5